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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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SHEET

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OF

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*Complete if Known*

Applicati n Number 09/810,883

Filing Dat March 16, 2001

First Named Inventor David THOMAS et al.

Group Art Unit 1614

Examiner Name: To Be Assigned

Attorney Docket Number: TNX 98-08-01

## **U.S. PATENT DOCUMENTS**

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code (if known)			
NO	4,179,337	B1	Davis, et al.	12-18-1979	
	4,495,285	B1	Shimizu, et al.	01-22-1985	
	4,609,546	B1	Hiratani	09-02-1986	
	4,766,106	B1	Katre, et al.	08-23-1988	
	5,225,539	B1	Winter	07-06-1993	
	5,534,254	B1	Huston, et al.	07-09-1996	
	5,693,761	B1	Queen, et al.	12-02-1997	
	5,693,762	B1	Queen, et al.	12-02-1997	

## **FOREIGN DOCUMENTS**

Examiner Initials	Foreign Patent Documents			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
	Office	Number	Kind Code (if known)				
NO	WO	98/09638	A1	Katz. et al.	03-12-1998		Abstract
	WO	96/40788	A1	Guyre, et al.	12-19-1996		
	EP	0 396 505	A2	Heusser, et al.	11-07-1990		
	EP	0 861 891	A1	Daeron, et al.	09-02-1998		

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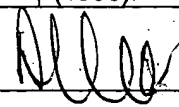
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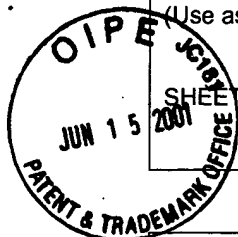
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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T 2
✓	C1	KARPOVSKY, B., "Production of Target-Specific Effector Cells Using Hetero-Cross-Linked Aggregates Containing Anti-Target Cell and Anti-Fcγ Receptor Antibodies, <i>J. Exp. Med.</i> 160:1686-1701 (1984).	
	C2	HOLGATE, S. T., "The role of mast cells and basophils in inflammation", <i>Clin. Exp. Allergy</i> , 30(1):28-32 (2000).	
	C3	KATZ, H.R. et al., "Mouse mast cell gp49B1 contains two immunoreceptor tyrosine-based inhibition motifs and suppresses mast cell activation when colligated with the high affinity Fc receptor for IgE", <i>Proc. Nat. Acad. Sci. USA</i> 93:10809-10814 (1996).	
	C4	EVANS, M.J. et al., "Rapid expression of an anti-human C5 chimeric Fab utilizing a vector that replicates in COS and 293 cells <i>J. Immunol.</i> , Vol. 184, pp. 123-138 (1995).	
	C5	RIECHMANN, L. et al., "Reshaping human antibodies for therapy", <i>Nature</i> 332:323-327 (1988).	
	C6	KATZ, H.R. et al., "Activation and Phorbol Ester-Stimulated Phosphorylation of a Plasma Membrane Glycoprotein Antigen Expressed on Mouse IL-3-Dependent Mast Cells and Serosal Mast Cells", <i>J. Immunol.</i> , Vol. 142(3): 919-926 (1989).	
	C7	LOW, N.M. et al., "Mimicking Somatic Hypermutation: Affinity Maturation of Antibodies Displayed on Bacteriophage Using a Bacterial Mutator Strain", <i>J. Mol. Biol.</i> 260:359-368 (1996).	
	C8	ISAKOV, N., "ITIMs and ITAMs", <i>Immunol. Res.</i> , 16:85-100 (1997).	
	C9	HUBER, M. et al., "The src homology 2-containing inositol phosphatase (SHIP) is the gatekeeper of mast cell degranulation", <i>Proc. Nat. Acad. Sci. USA</i> 95:11330-11335 (1998).	
	C10	KIRSHENBAUM, A.S. et al., "Effect of IL-3 and Stem Cell Factor on the Appearance of Human Basophils and Mast Cells from CD34+ Pluripotent Progenitor Cells", <i>J. Immunol.</i> 148(3):772-777 (1992).	
	C11	GREENMAN, J. et al., "Characterization of a New Monoclonal Anti-Fcγ RII Antibody, AT10, and its Incorporation into a Bispecific F(ab') <sub>2</sub> Derivative for Recruitment of Cytotoxic Effectors", <i>Mol. Immunol.</i> 28(11):1243-1254 (1991).	
	C12	LARDOT, C. et al., "Expression of plasminogen activator inhibitors type-1 and type-2 in the mouse lung after administration of crystalline silica", <i>Eur. Respir. J.</i> 11:912-921 (1998).	
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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T 2
	C13	LEUNG, D.Y.M., "Molecular Basis of Allergic Diseases", <i>Mol. Genet. And Metab.</i> 63:157-167 (1998).	
	C14	MALBEC, O. et al., "Fcε Receptor I-Associated <i>lyn</i> -Dependent Phosphorylation of Fcγ Receptor IIB During Negative Regulation of Mast Cell Activation", <i>J. Immunol.</i> 160:1647-1658 (1998).	
	C15	OCHI, H. et al., "T Helper Cell Type 2 Cytokine-mediated Comitogenic Responses and CCR3 Expression During Differentiation of Human Mast Cells In Vitro", <i>J. Exp. Med.</i> 190(2):267-280 (1999).	
	C16	ROCHE, W. et al., "Subepithelial Fibrosis in the Bronchi of Asthmatics", <i>Lancet</i> March 11, 1989, pp. 520-524 (1989).	
	C17	RENARD, V. et al., "Transduction of cytotoxic signals in natural killer cells: a general model of fine tuning between activatory and inhibitory pathways in lymphocytes", <i>Immunol. Rev.</i> 155:205-221 (1997).	
	C18	SAINTE-LAUDY, J. et al., "Analysis of anti-IgE and allergen induced human basophil activation by cytometry. Comparison with Histamine release", <i>Inflam. Res.</i> 47:401-408 (1998).	
	C19	SILIBAR, C. et al. "Type β Transforming Growth Factors Promote Interleukin-3 (IL-3)-Dependent Differentiation of Human Basophils But Inhibit IL-3-Dependent Differentiation of Human Eosinophils", <i>Blood</i> 80(3):634-641 (1992).	
	C20	BLÉRY, M et al., "Reconstituted Killer Cell Inhibitory Receptors for Major Histocompatibility Complex Class I Molecules Control Mast Cell Activation Induced via Immunoreceptor Tyrosine-based Activation Motifs", <i>J. Biol. Chem.</i> 272(14):8989-8996 (1997).	
	C21	DAËRON, M. et al., "Regulation of High-affinity IgE Receptor-mediated Mast Cell Activation by Murine Low affinity IgG Receptors", <i>J. Clin. Invest.</i> 95:577-585 (1995).	
	C22	VIVIER, E. et al., "Immunoreceptor tyrosine-based inhibition motifs", <i>Immunol. Today</i> 18(6):286-291 (1997).	
	C23	DAËRON, M., "Building up the family of ITIM-bearing negative coreceptors", <i>Immunol. Letters</i> 54:73-76 (1996).	
	C24	GLENNIE, M.J. et al., "Preparation and Performance of Bispecific F(ab'γ) <sub>2</sub> Antibody Containing Thioether-Linked Fab' Fragments", <i>J. Immunol.</i> 139(7):2367-2375 (1987).	
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NO	C25	GRASHOFF, W.F.H. et al., "Chronic Obstructive Pulmonary Disease: Role of Bronchiolar Mast Cells and Macrophages", <i>Am. J. Pathol.</i> 151(6):1785-1790 (1997).	
↓	C26	DAËRON, M. et al., "Biology of Immunoreceptor Tyrosine-Based Inhibition Motif-Bearing Molecules", <i>In: Immunoreceptor Tyrosine Based Inhibition Motifs</i> , DAËRON ed., Chapter 1, Springer (1999).	
↓	C27	DIBATTISTA, J.A. et al., "Coordination Regulation of Matrix Metalloproteases and Tissue Inhibitor of Metalloproteinase Expression in Human Synovial Fibroblasts", <i>J. Rheumatol.</i> 22(Suppl 43):123128 (1995).	
↓	C28	FLEMING, T.J. et al., "Negative Regulation of FcεRI-mediated Degranualtion by CD81", <i>J. Exp. Med.</i> 186(8):1307-1314 (1997).	
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